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Field of Invention

This invention relates generally to the field of information acquisition and display devices on a real-time basis and more particularly to systems which monitor the operation of powered vehicles and which display the status or condition of various aspects of vehicle operation for the driver. The invention specifically relates to the display of systems involving the anti-lock braking system, the stability of the vehicle as to proximity to rolling over, the power consumed by vehicle components such as the heating system and lights and/or, for four-wheel drive vehicles, the torque and/or braking forces delivered to the wheels. The information is acquired from sensors and/or from signals generated by the vehicle and is processed by the vehicle CPU or, in another embodiment by a display CPU. The processed information is then displayed for the driver in black and white or in color using an LED, LCD, vacuum fluorescent means, numerical display, gauge or meter.